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# ***HartMove***

*A Robust File Mover*

## ***Quick Start Guide***

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## Introduction

HartMove is an application that simply moves files that meet a certain criteria from one folder to another. Its primary use is to copy files from one computer to another over a network. It does this in a robust way so that files will simply get queued if the network resource is not available. This allows the application that is generating the files to continue functioning even when there is a network outage.

## Installation

Installation is very simple, double-click or run the `HartMove-Setup.exe` file and follow the on screen instructions. This installation program will copy all the necessary files to your computer and place the `HartMove.exe` file in the folder `C:\Hartridge\Applications\HartMove.exe`

## Configuration

HartMove is configured by an INI file. The installer places an example INI file is installed in the folder `C:\Hartridge\Applications\HartMove`. This file should be used as a template to create the INI file that is suitable for your application.

Using Notepad or your favourite text editor open up `example.ini` and customise it for your application, it should look something like this:

```
; This is an example configuration file for use with HartMove robust file move
; utility. Please replace each value with those that match your required
; configuration.

[General]
; The SourcePath is the path where the files are to be moved FROM. It can be an
; absolute path, e.g. C:\Source or a UNC path, e.g. \\MyServer\MyShare\Source
SourcePath="C:\Source"

; The DestinationPath is the path where the files are to be moved TO. It can be
; an absolute path, e.g. C:\Dest or a UNC path, e.g. \\MyServer\MyShare\Dest
DestinationPath="C:\Destination"

; The WildCard is the filter applied to the source directory so that only the
; required files are moved. This can be anything valid Windows wildcard except
; for *.* e.g *.res, res*.txt
WildCard=*.txt

; The ScanTime is the time interval in seconds after which the source path is
; scanned for files matching the wildcard. If matching files are found then
; they will be attempted to be moved to the destination path.
ScanTime=600

; The following parameters relate to the log file. The log file is a special
; cyclic log file that can be left on at all times as it will not cause the
; hard disc to fill up.
LogFileEnabled=1
LogFileDirectory="C:\LOG"
LogFileName="HartMove.log"
```

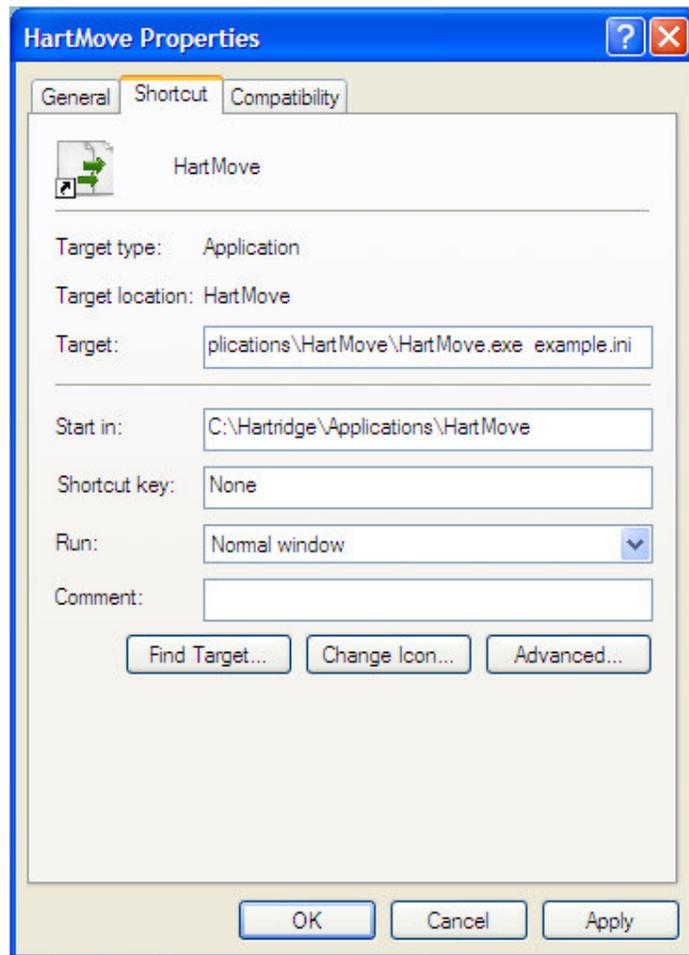
Comments are shown in green and the values you will need to customise are in bold.

## Starting HartMove

Once a configuration file has been created you may start HartMove and pass the configuration file as the first command line parameter. The easiest way to do this is by means of a shortcut.

The following example assumes that you have copied your configuration file into the same folder as the HartMove executable file. This example is using a configuration file called example.ini.

- (1) Create a shortcut to C:\Hartridge\Applications\HartMove\HartMove.exe.
- (2) Edit the properties, and add your configuration file at the end of the **Target Field** as shown in the screenshot.
- (3) Ensure that the **Start In** field is set to C:\Hartridge\Applications\HartMove



That's it. Double click this shortcut should now run HartMove with your configuration and minimise it to the system tray.

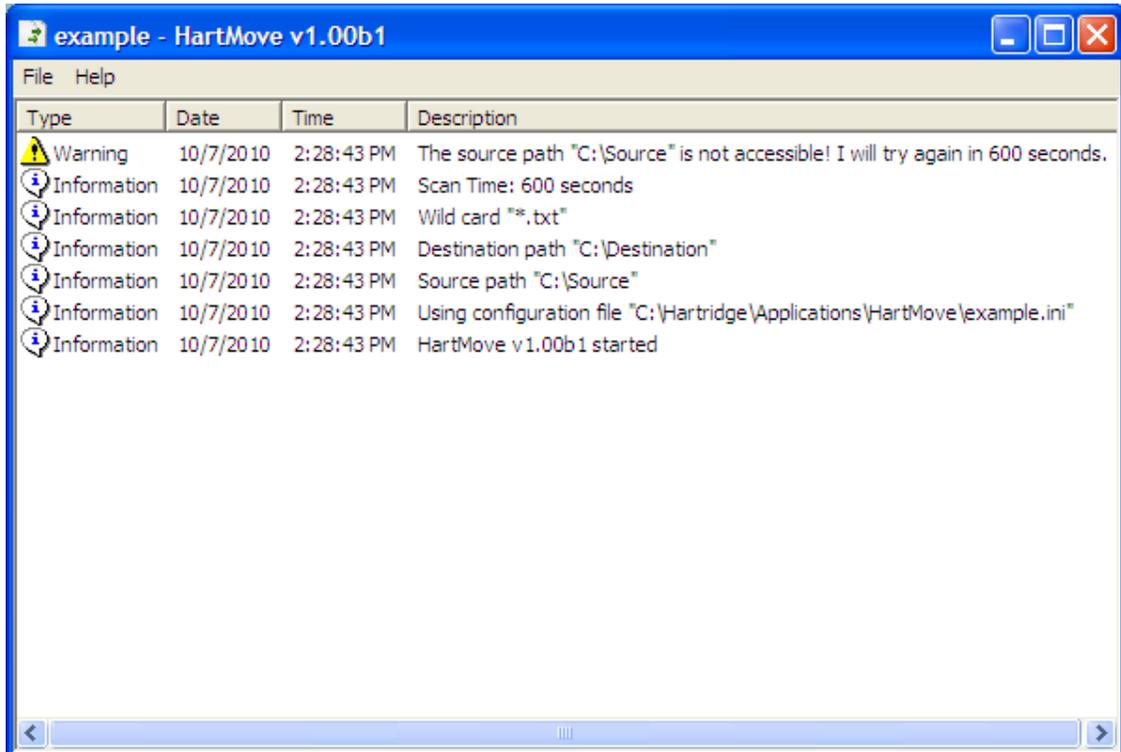


To ensure that HartMove is run each time you start up your computer, it is recommended that you add the shortcut to the Start-up group:-



## The Main Window

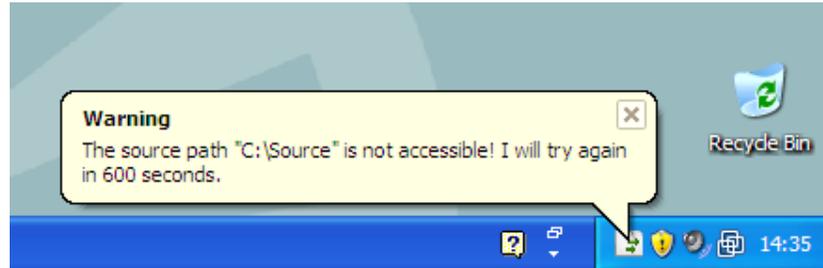
HartMove is a program that is intended to run in the background, however if you double click the icon in the task bar it's main window will be displayed. The main window simply shows a log of information, warnings and/or errors that may have occurred. The important thing to note about this window is that the most recent entry is as the top. This means that at a quick glance you will always see the most recent activity.



The information that is displayed in this window is also written to a log file if you have configured it (see the later section on the *Log File Format*).

## Status Bar & Notifications

If HartMove comes across any warnings or errors during its operation, as well as writing the information to the screen and log file, a notification bubble is also displayed. This is intended to alert the user that there is an issue of some kind. If you have configured HartMove to move files to or from a network drive then a typical warning message could be that the network is not accessible for some reason.



## Log File Format

If you have configured HartMove to generate a log file then you do not need to worry about deleting old log files because the log file it creates is a cyclic log file. What this means is that it will store up to the last 5000 log entries.

To achieve this, the first line is an information line and the reset of the file is made up of fixed length lines of 1000 characters. However the file is visible using any text editor.

The information line contains various values and should not be modified.

```
LLLL NNNN UUUU PPPP F
```

Where:

- LLLL = Line length
- NNNN = Max number of lines in file
- UUUU = Last used line position
- PPPP = Last position in line
- F = Log file full flag

Example snapshot of a log file:-

```
1000 5000 0010 0000 1
Information 10/7/2010 3:42:40 PM HartMove v1.00b1 started
Information 10/7/2010 3:42:40 PM Using configuration file....
Information 10/7/2010 3:42:40 PM Source path "C:\Source"
Information 10/7/2010 3:42:40 PM Destination path "C:\Destination"
Information 10/7/2010 3:42:40 PM Wild card "*.txt"
Information 10/7/2010 3:42:40 PM Scan Time: 600 seconds
Warning 10/7/2010 3:42:40 PM The source path "C:\Source" is not accessible!
Information 10/7/2010 3:42:52 PM HartMove shutdown
```

## Uninstall

When HartMove was installed, an entry was placed into the *Add/Remove Programs* control panel applet. To un-install HartMove simply open this up and find the HartMove entry and click Change/Remove and follow the onscreen instructions.